NOAA
S 220

GENERAL NOTES

1. THE PURPOSE OF THIS DRAWING IS TO SHOW THE INSTALLATION AND CONSTRUCTION DETAILS FOR NEW SURVEY BOAT CATWALK INSTALLATIONS. SEE WORK SPECIFICATION ITEM XXX. ALL STRUCTURAL STEEL SHALL BE FABRICATED IN ACCORDANCE WITH THE APPROVED DRAWINGS.
2. ALL MATERIAL SHALL BE ABS GRADE A UNLESS NOTED OTHERWISE.
3. ALL WELDING, WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH ABS RULES FOR BUILDING AND CLASSING VESSELS UNDER 90M.
4. ALL MATERIALS NECESSARY TO COMPRISE A COMPLETE, FINISHED AND OPERATIONAL INSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. SUBSTITUTIONS FOR ANY ITEM MUST BE APPROVED BY A NOAA REPRESENTATIVE.
6. ALL MATERIALS SHOWN CROSS–HATCHED SHALL BE REMOVED.
7. ALL SNIPES SHALL BE ½ INCH BY 45 DEGREES UNLESS NOTED OTHERWISE.
8. ALL WELDS SHALL BE NEATLY FINISHED WITH ALL SLAG AND SPATTER REMOVED.
9. SHARP AND RAGGED EDGES OR CORNERS OF STRUCTURE WHICH ARE UNSIGHTLY OR WHICH COULD CAUSE INJURY TO PERSONNEL SHALL BE REMOVED, GROUND SMOOTH, OR SNIPED. ADEQUATE LIMBERS SHALL BE PROVIDED TO ENSURE EFFECTIVE DRAINAGE OF ANY SPACES OR AREAS WHICH COULD TRAP LIQUIDS.
10. REPAIR ALL SURFACES DAMAGED BY WELDING AND OR THE REMOVAL AND REINSTALLATION OF STRUCTURE AND EQUIPMENT TO MATCH THE SURROUNDING STRUCTURE.
11. PRIOR TO THE APPLICATION OF COATING MATERIALS, ALL SURFACES SHALL BE DRY AND FREE OF FOREIGN MATTER SUCH AS DIRT, DUST, CRAYON MARKS, GREASE, MILL SCALE, RESIDUAL ABRASIVE, RUST, SALT DEPOSITS, AND WELD SPATTER.
12. NEW CATWALK SHALL BE INSTALLED AT 9'–8 ¼" ABOVE "E" DECK (AT FRAME 70 CENTERLINE OF SHIP) AND PARALLEL TO BASELINE OF SHIP.

REFERENCES

1. FA–S0201–1 – NOAA FAIRWEATHER BOOKLET OF GENERAL PLANS, REV. B, 07–09–04
2. FA–S1101–1 – NOAA FAIRWEATHER SHELL EXPANSION, REV. 2
3. FA–S1105–5 – NOAA FAIRWEATHER LONG & TRANS STRUCT. BHD. MN DK AFT FR 52, REV. 7
4. FA–S1106–2 – NOAA FAIRWEATHER PLATING AND FRAMING SUPERSTRUCTURE DECK, REV. 10
5. FA–S1117–1 – NOAA FAIRWEATHER STRUCTURAL PROFILE AND SCANTLING PLAN, REV. 3
6. FA–583–001 – R/V FAIRWEATHER DAVIT INSTALLATION, GENERAL ARRANGEMENT, REV. –
7. FA–582–002 – R/V FAIRWEATHER DAVIT INSTALLATION, STRUCTURAL MODIFICATIONS, REV. –
8. 101185, HN–9002 DAVIT STRUCTURE WITH FLANGES – GENERAL ARRANGEMENT, REV. 1, 9–11–11
9. CODE OF FEDERAL REGULATIONS, 29 PARTS 1900 TO 1910.999 "LABOR", REVISED JULY 1, 2005
10. AMERICAN BUREAU OF SHIPPING, "GUIDANCE NOTES FOR THE APPLICATION OF ERGONOMICS TO MARINE SYSTEMS" APRIL 2003
11. TGA JOB NO 11161

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPD

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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R/V FAIRWEATHER DAVIT INSTALLATION
SURVEY BOAT CATWALKS
GENERAL NOTES, REFERENCES, & REVISIONS

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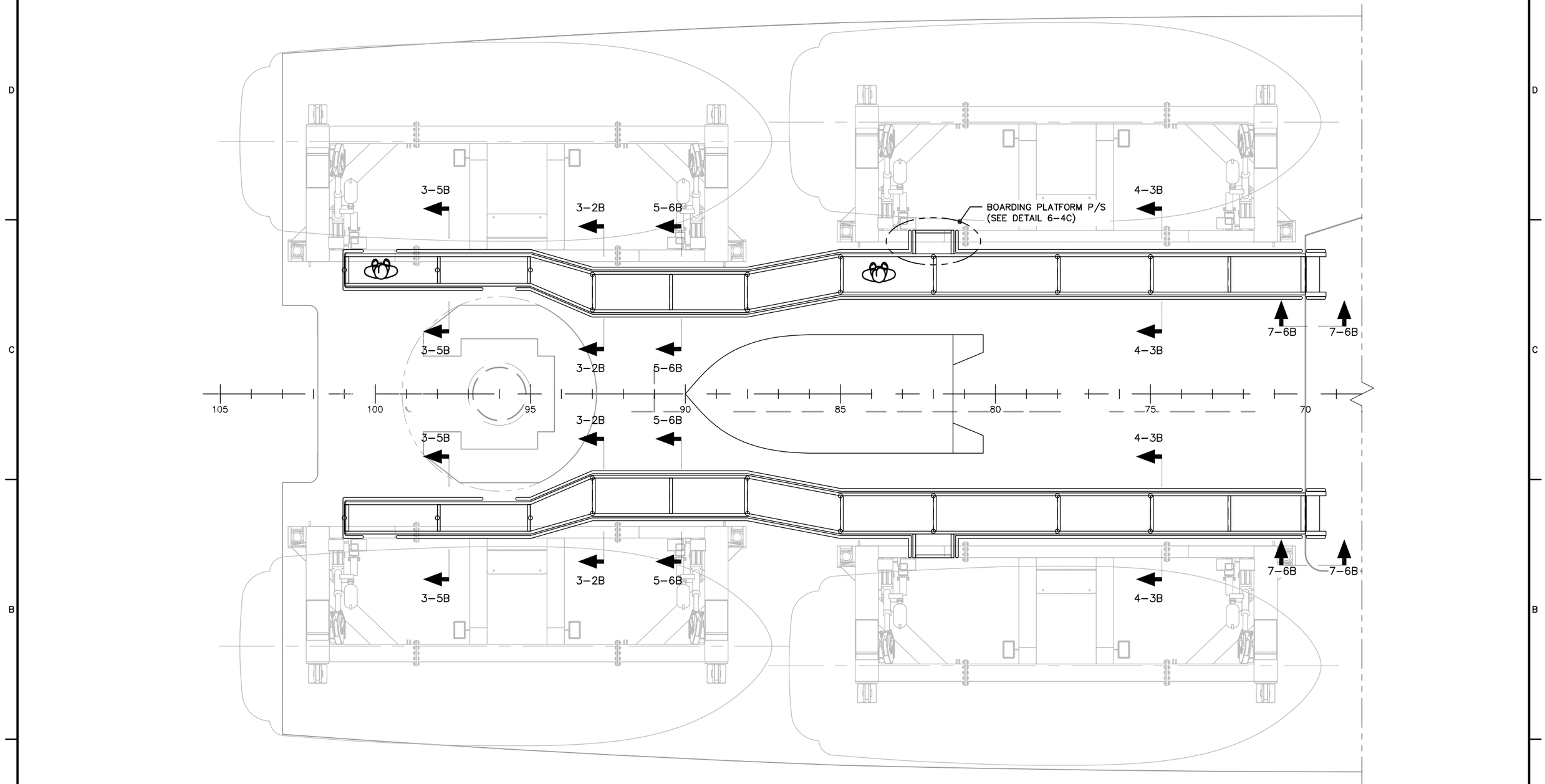
Scale	Drawing Number	Sheet	of	Revision
AS NOTED	FA–583–003	1	7	–



PLAN 2–4B

SURVEY BOAT CATWALK KEY PLAN

3/16"=1'-0"

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R/V FAIRWEATHER DAVIT INSTALLATION
SURVEY BOAT CATWALKS
KEY PLAN

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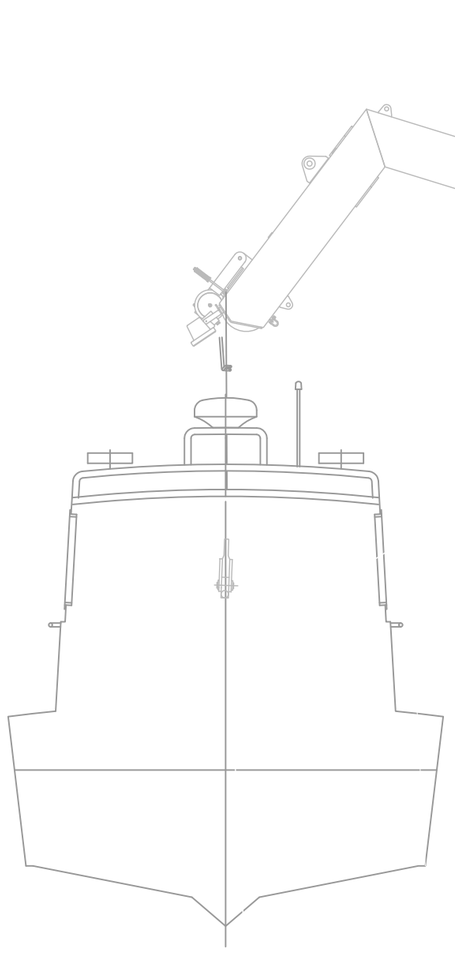
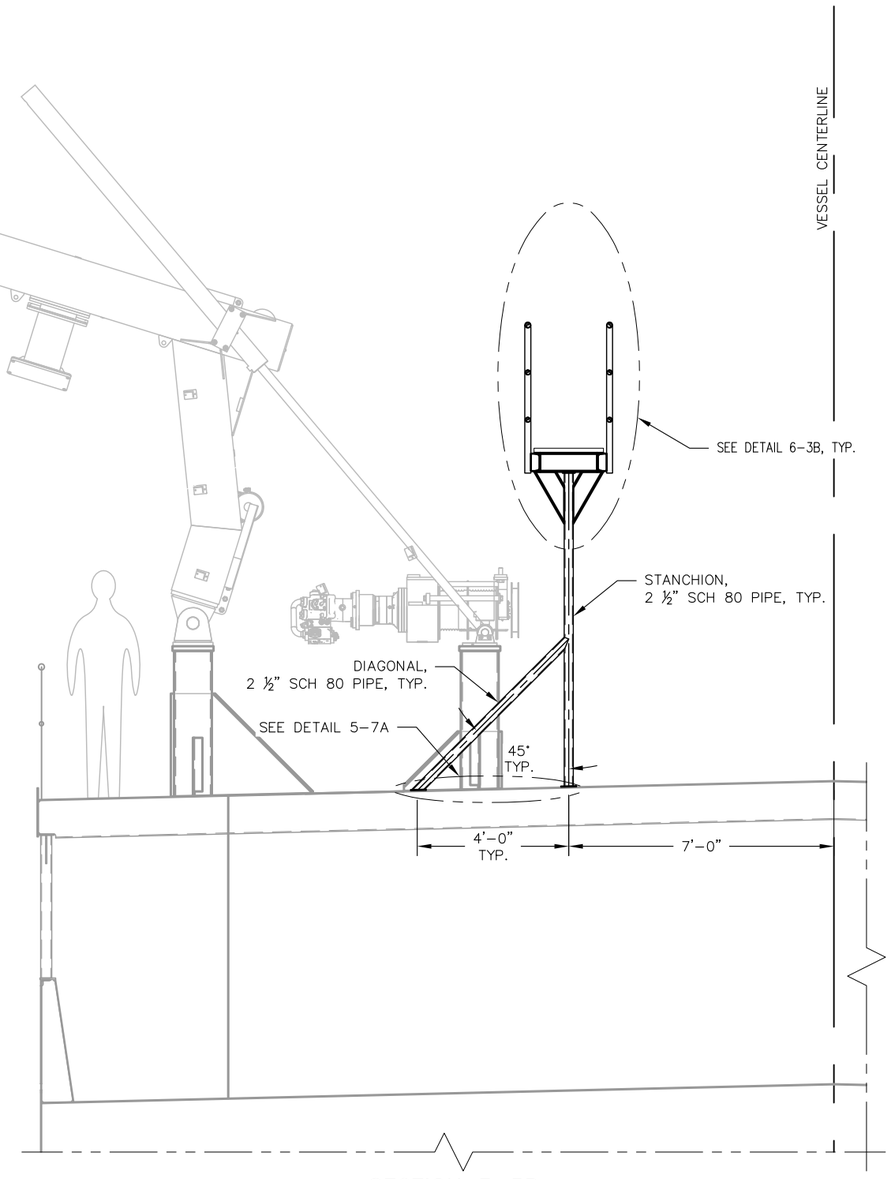
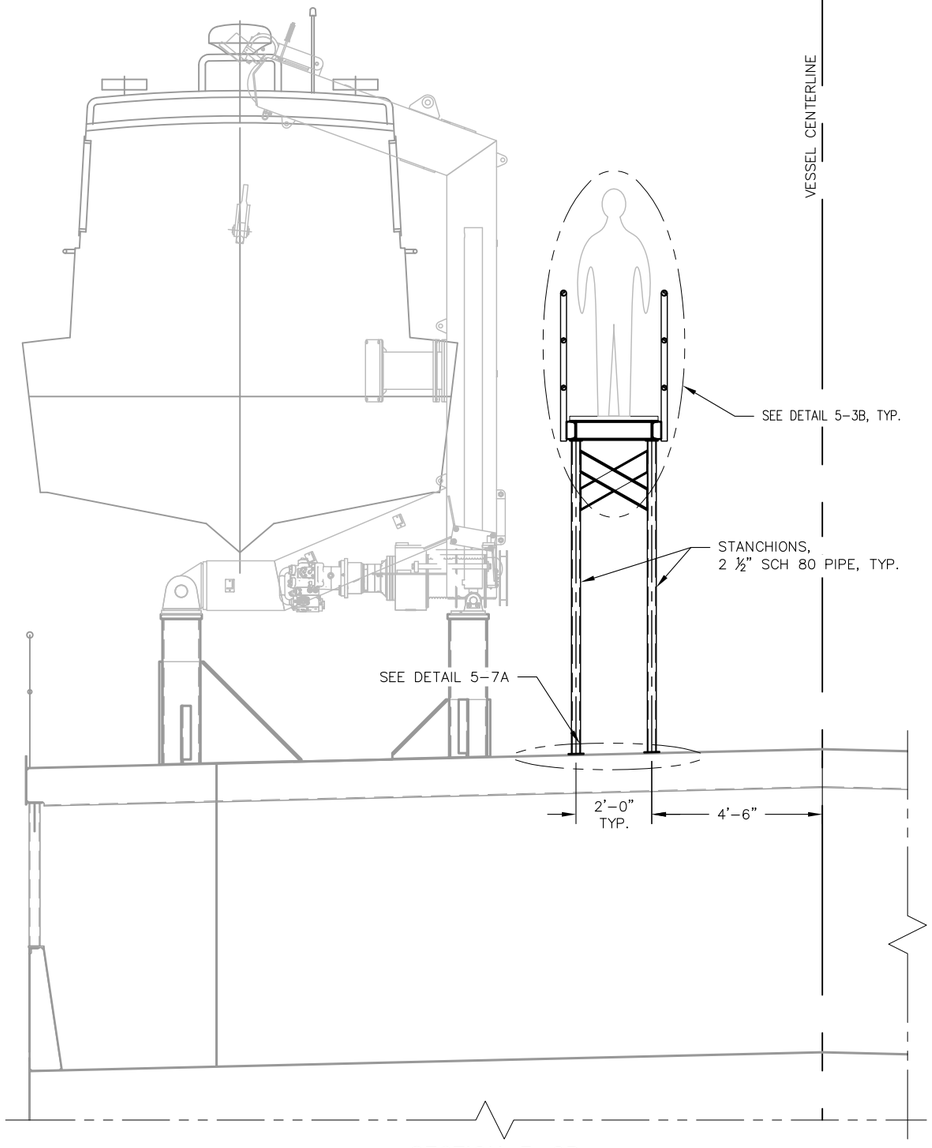




SECTION 3-5B

SINGLE STANCHION CATWALK FOR AFT SURVEY BOAT, LKG AFT,
FRAMES 95, 98, & 101, STBD SHOWN, PORT SIM. OPP.
1/4"=1'-0"



SECTION 3-2B

DOUBLE STANCHION CATWALK FOR AFT SURVEY BOAT, LKG AFT,
FRAMES 88 & 93, STBD SHOWN, PORT SIM. OPP.
1/4"=1'-0"

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AFT SURVEY BOAT CATWALK SECTIONS

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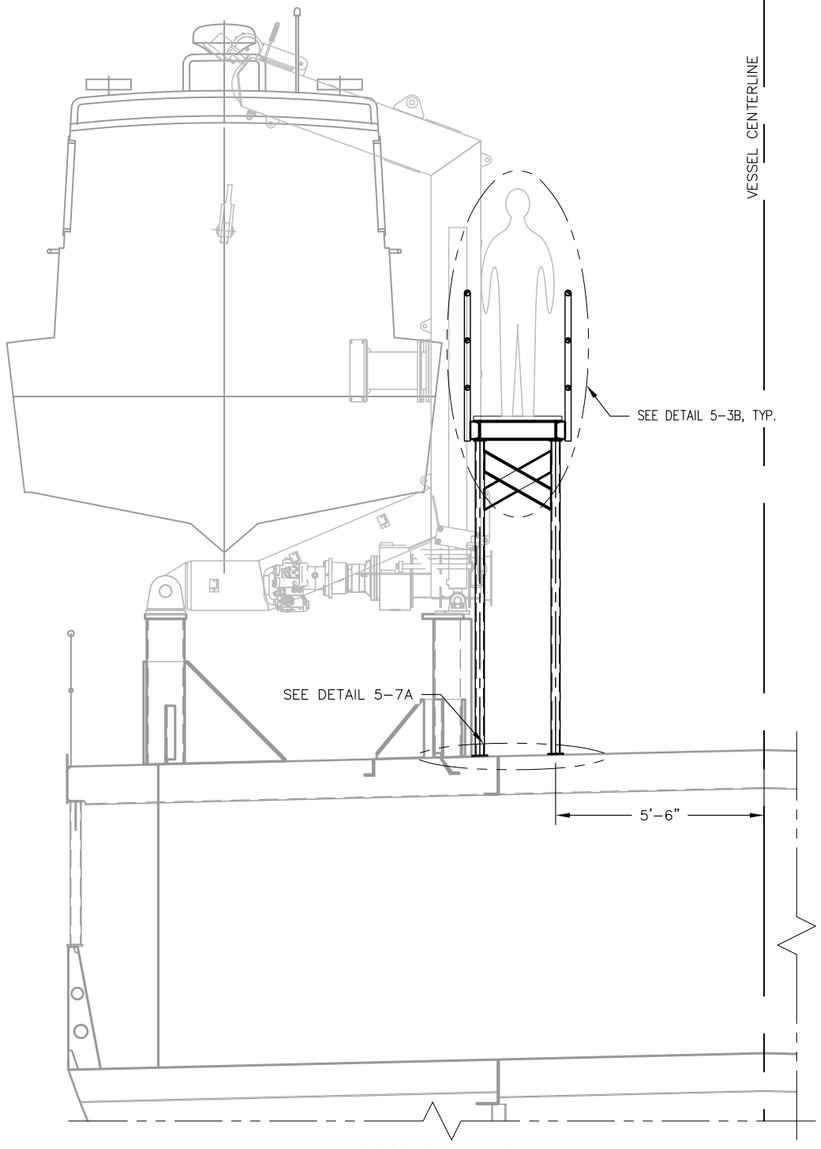

SECTION 4-3B

DOUBLE STANCHION CATWALK FOR FWD SURVEY BOAT, LKG AFT,
FRAMES 75, 78, 82 & 85, STBD SHOWN, PORT SIM. OPP.
1/4"=1'-0"

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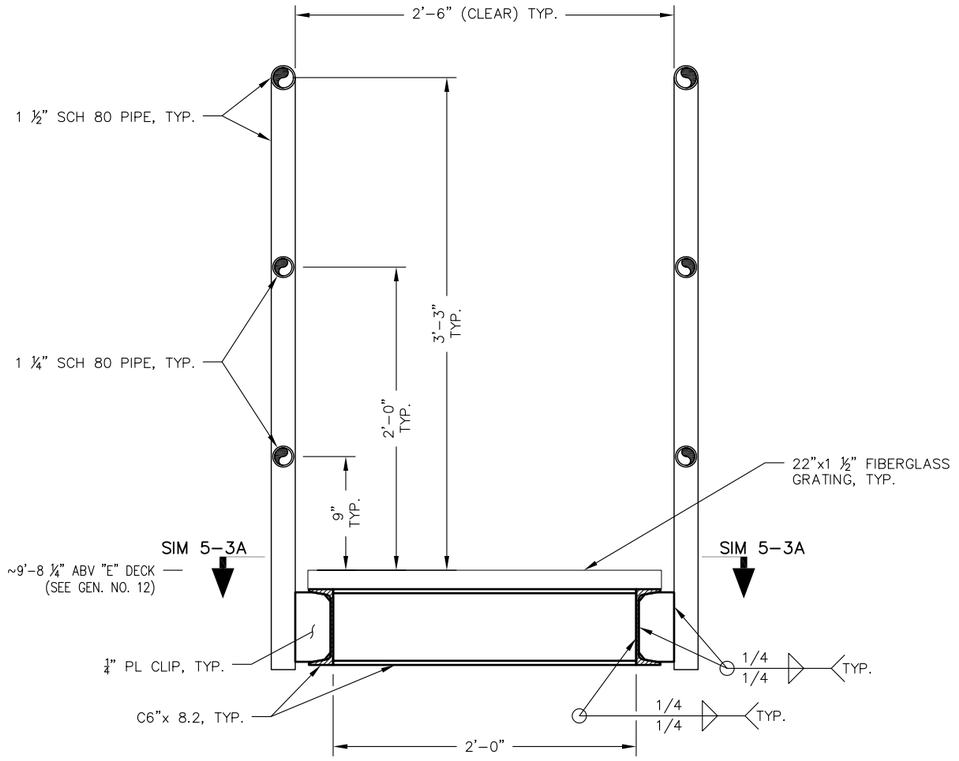
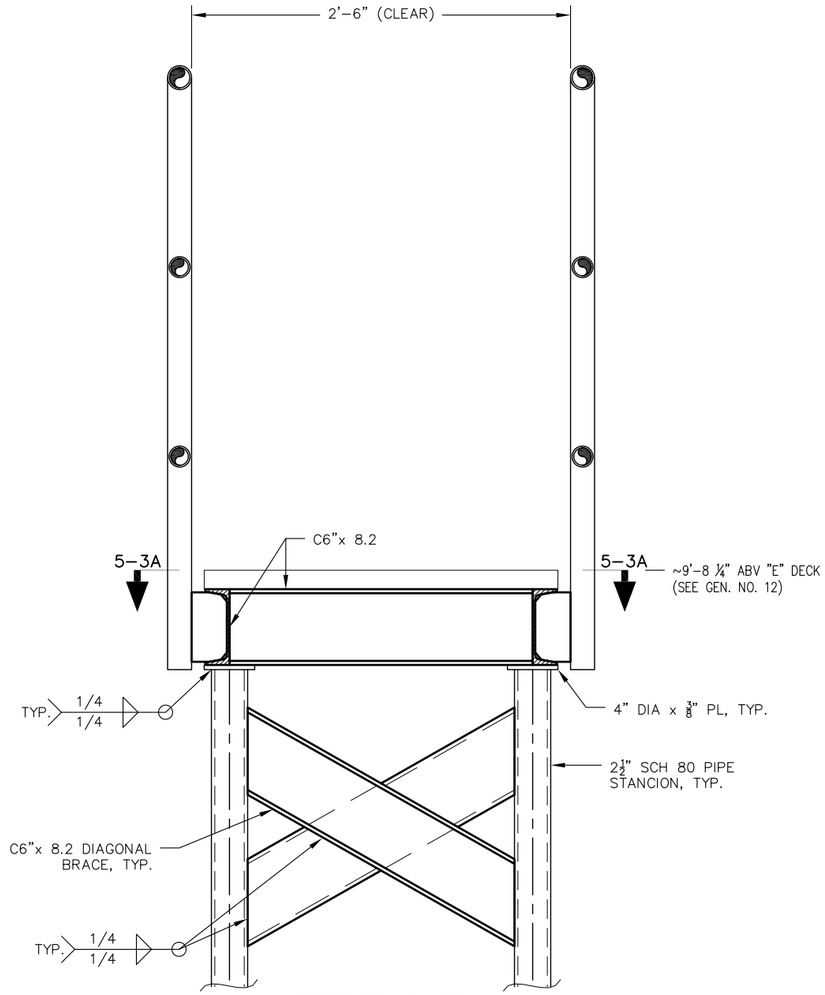


SECTION 5-6B

UNSUPPORTED CATWALK SECTION

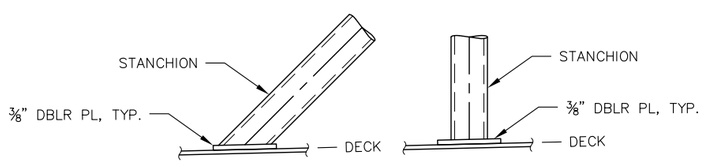
1"=1'-0"



SECTION 5-3B

DOUBLE STANCHION CATWALK SECTION

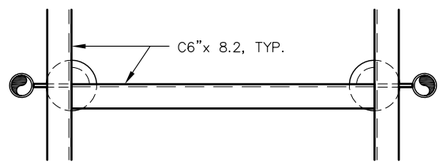
1"=1'-0"



DETAIL 5-7A

TYPICAL STANCHION/DIAGONAL DECK CONNECTION DETAILS

1"=1'-0"



DETAIL 5-3A

DOUBLE STANCHION CATWALK CONNECTION DETAIL

1"=1'-0"

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SURVEY BOAT CATWALKS

TYPICAL CATWALK SECTIONS

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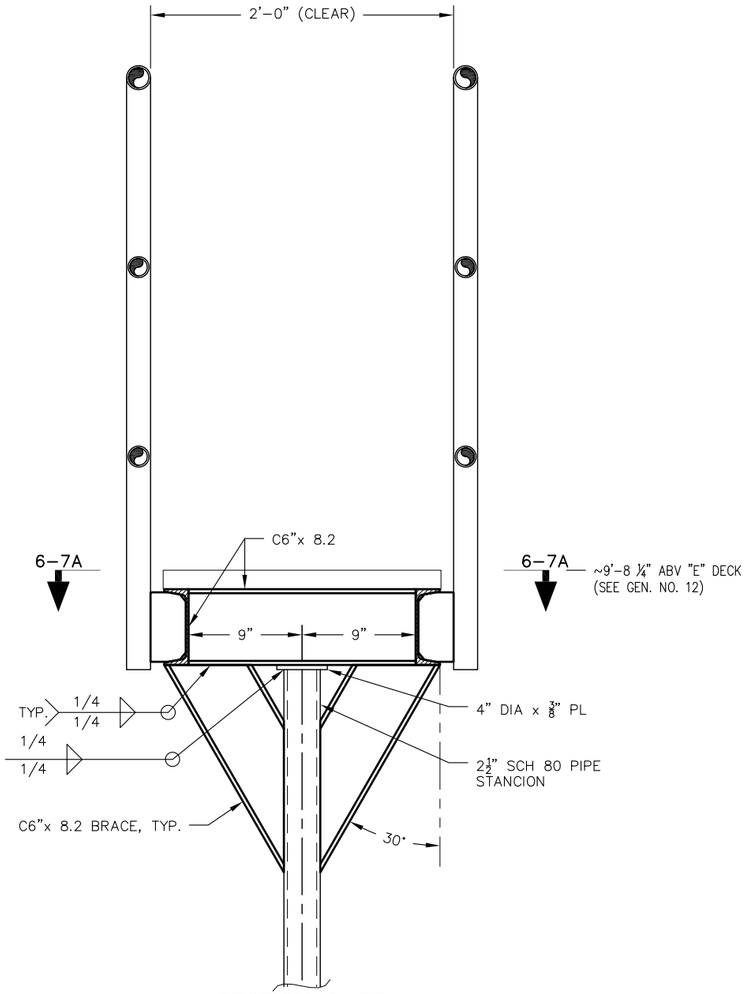
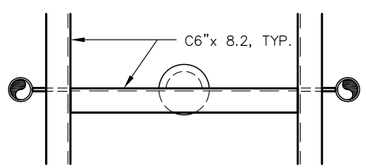


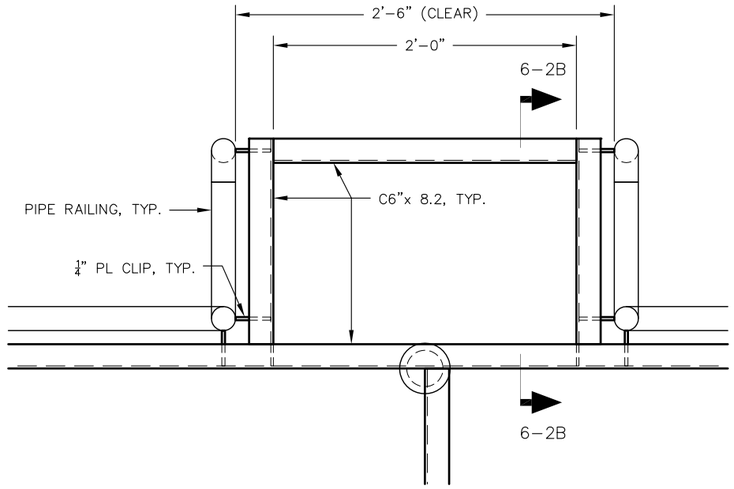
SECTION 6-7B

SINGLE STANCHION CATWALK SECTION (24" WIDE)
1"=1'-0"



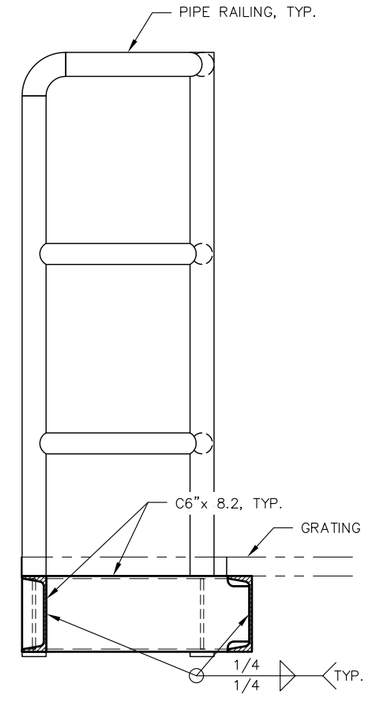
SECTION 6-7A

SINGLE STANCHION CATWALK CONNECTION DETAIL (24" WIDE)
1"=1'-0"



DETAIL 6-4C

TYPICAL CATWALK BOARDING PLATFORM
1"=1'-0"



SECTION 6-2B

TYPICAL CATWALK BOARDING PLATFORM
1"=1'-0"

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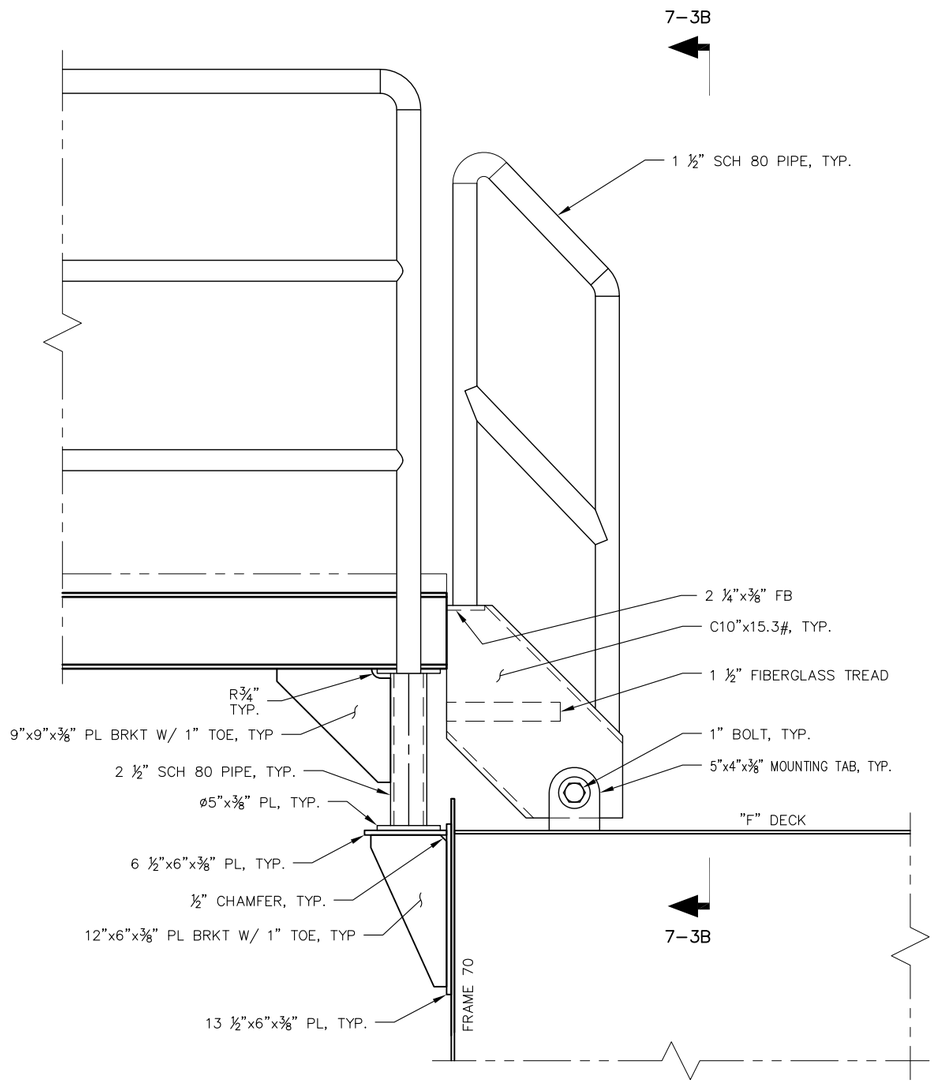
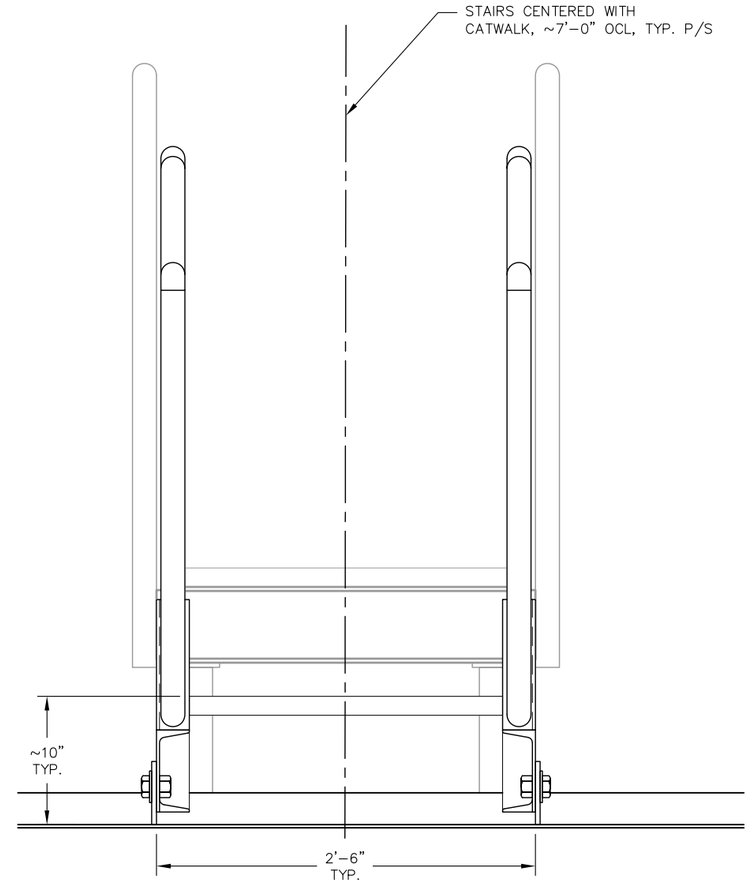


ELEVATION 7–6B
CATWALK STAIR DETAIL
1"=1'–0"



SECTION 7–3B
CATWALK STAIR DETAIL
1"=1'–0"

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SURVEY BOAT CATWALKS
CATWALK STEP AND MISCELLANEOUS DETAILS

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